COVID-19 Critical Intelligence Unit

Daily evidence digest

1 March 2021

The daily evidence digest collates recently released reports and evidence – provision of these links does not imply endorsement nor recommendation.

Psychological illness after COVID-19, the RECOVERY platform's dexamethasone trial, effectiveness of Pfizer vaccine

Peer reviewed journals featured:

- A meta-analysis on the incidence of psychological illness after COVID-19 outbreaks here
- The RECOVERY platform's controlled, open-label trial on dexamethasone <u>here</u> and associated editorials <u>here</u> and <u>here</u>
- An overview and taxonomy on health apps for combating COVID-19 here
- A prospective study on the prevalence of asymptomatic SARS-CoV-2 infection in elective surgical patients in Australia <u>here</u>
- Observational study on the effectiveness of the BNT162b2 (Pfizer) vaccine in Israel here
- Case reports of lymphadenopathy following COVID-19 vaccination in oncologic patients <u>here</u> and in an asymptomatic female <u>here</u>
- Editorials on:
 - The case for an international pandemic treaty here
 - Sharing vaccines globally <u>here</u>
- Commentary on:
 - Enhancing the WHO proposed framework for distributing COVID-19 vaccines <u>here</u>
 - Prioritising surgical cases deferred by the COVID-19 pandemic here
 - o Public health decisions during COVID-19, and the need for science and ethics here
 - Concerns that COVID-19 drug practices risk antimicrobial resistance evolution here
 - Bell's palsy and SARS-CoV-2 vaccines here
 - o The Lancet Commission for Vaccine Refusal, Acceptance, and Demand in the USA here
 - o The last-mile logistics of COVID-19 vaccination in the US here
 - o Targeting the viral life cycle here

Letters and correspondence discussed:

- The delivery of COVID-19 health messages by Aboriginal leaders here
- COVID-19 information in news media here
- The risk of fomite-mediated SARS-CoV-2 transmission in daycare, schools, nursing homes, and offices here



Pre-peer review articles featured:

A potential new variant of concern, B.1.526, identified in New York <u>here</u>

Guidance and reports

- The World Health Organization published guidance on preparedness, prevention and control of COVID-19 in prisons and other places of detention here
- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts <u>here</u>
- The Cochrane Library updated its systematic review on signs and symptoms to determine if a
 patient presenting in primary care or hospital outpatient settings has COVID-19 here
- The Canadian Society of Breast Imaging and Canadian Association of Radiologists recommendations for the management of axillary adenopathy in patients with recent COVID-19 vaccination here

News and blogs

- Is England's exit plan from lockdown a road to nowhere? here
- The inequity of isolation here
- A discussion about the real-world effectiveness of COVID-19 vaccination here

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Emerging evidence on vaccines and variants of concern is incorporated daily into Living Evidence Tables <u>available here</u>

